

540508

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
15 July 2004 (15.07.2004)

PCT

(10) International Publication Number  
**WO 2004/059210 A1**

(51) International Patent Classification<sup>7</sup>: **F23C 11/00,**  
F23D 14/58

(21) International Application Number:  
PCT/JP2003/014889

(22) International Filing Date:  
21 November 2003 (21.11.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2002-374370 25 December 2002 (25.12.2002) JP

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(81) Designated States (*national*): CN, KR, US.

(84) Designated States (*regional*): European patent (DE, FR, GB).

Published:  
— with international search report

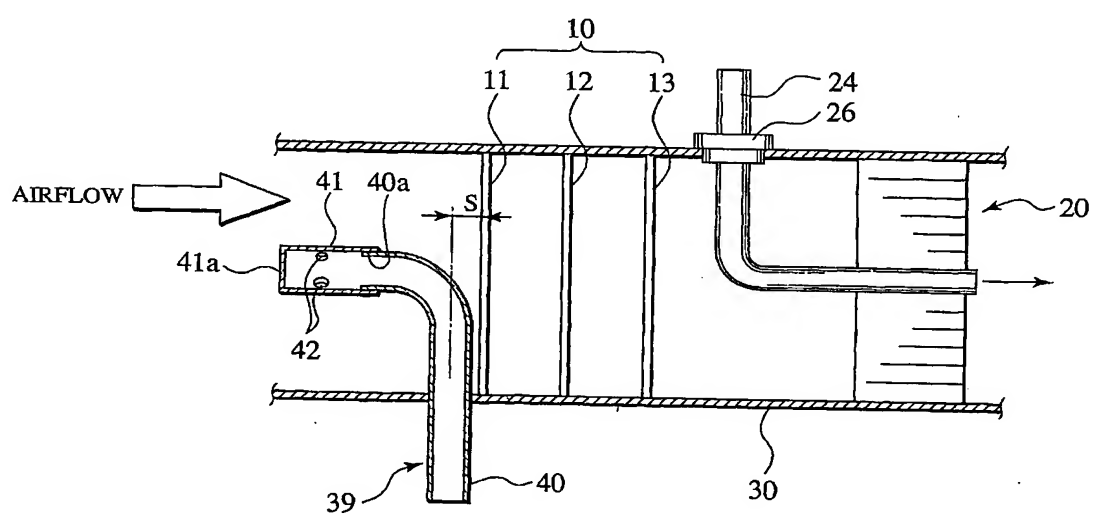
For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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(54) Title: HYDROGEN COMBUSTION DEVICE HAVING HYDROGEN PIPE



(57) Abstract: A hydrogen combustion device includes a casing 30, a hydrogen source, a hydrogen pipe 39 to supply hydrogen gas from the hydrogen source into the casing 30, a mixer 10 on the downstream side of the pipe 39, for stirring a mixed gas and a combustion catalyst 20. The hydrogen pipe 39 has a hydrogen pipe body 40 and a hydrogen ejecting part 41 with hydrogen ejecting orifices 42. In the hydrogen combustion device, the hydrogen ejecting part 41 is positioned at a substantial center in the cross section of an air passage in the casing 30, extending along the flowing direction of the airflow in the air passage. The hydrogen ejecting orifices 40 are arranged so that their axes extend in the radial direction of the hydrogen ejecting part 41, substantially perpendicularly to the flowing direction of the airflow.

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